

1AP7 Rec'd PCT/PTO 05 JAN 2006

<p>EV70462065545</p> <p>Express Mail Label Number</p>	<p>MAILING BY "EXPRESS MAIL" UNDER 37 CFR 1.10</p> <p>JANUARY 5, 2006</p> <p>Date of Deposit</p>
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<p>Form PTO-1390-MOD (REV 10-96)</p> <p>U. S. Department of Commerce Patent and Trademark Office</p> <p>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</p>		<p>ATTORNEY'S DOCKET NUMBER ON/4-32701A</p> <p>U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/528,915</p>
<p>INTERNATIONAL APPLICATION NO. PCT/EP03/10675</p>	<p>INTERNATIONAL FILING DATE 25 September 2003 (25.09.03)</p>	<p>PRIORITY DATE CLAIMED 26 September 2002 (26.09.02)</p>
<p>TITLE OF INVENTION PCR BASED DIAGNOSTIC METHOD OF DETECTING A MUTATION IN A NUCLEIC ACID</p>		
<p>APPLICANT(S) FOR DO/EO/US DAVID BRYANT BATT</p>		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau. (See Form PCT/IB/308)
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An executed Declaration and Power of Attorney (original or copy) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included.

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the International application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)
10/528,915

INTERNATIONAL APPLICATION NO.
PCT/EP03/10675

ATTORNEY'S DOCKET NUMBER
ON/4-32701A

The following fees are submitted:

CALCULATIONS PTO USE
ONLY

21. Basic national fee. \$

22. Examination Fee
If International preliminary examination report was prepared by USPTO
and all claims satisfy provisions of PCT Article 33(1)-(4) \$
All other situations. \$

23. Search fee
If Search fee (37 CFR 1.445(a)(2)) has been paid on the international
application to the USPTO as an International Searching Authority. \$
If International Search Report was prepared and provided to the Office. . . \$
All other situations. \$

TOTAL OF 21, 22 AND 23 =

\$ 0

Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
- 100 =	/50 =		X \$ 250

Surcharge of \$130 for furnishing the oath of declaration later than ☒ 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$ 130

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	- 20 =	X	\$ 50
Independent claims	- 3 =	X	\$ 200
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 360

TOTAL OF ABOVE CALCULATIONS = \$ 130

Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).

SUBTOTAL = \$ 130

Processing fee of \$130 for furnishing the English translation later than ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(f)). + \$

TOTAL NATIONAL FEE = \$ 130

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$

TOTAL FEES ENCLOSED = \$ 130

Amount to be: refunded	\$
charged	\$

- a. ☐ A check in the amount of \$_____ to cover the above fees is enclosed.
- b. ☒ Please charge Deposit Account No. 19-0134 in the name of Novartis in the amount of \$130 to cover the above fees. A duplicate copy of this form is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0134 in the name of Novartis.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

Send all correspondence to the address associated with
Customer No. 001095, which is currently:

01/10/006 ATRAN1 00000099 190134 10528915

01 FC: 617 Novartis DA
Corporate Intellectual Property
One Health Plaza, Building 104
East Hanover, NJ 07936-1080

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.

10/528,915

FIRST NAMED APPLICANT

David Bryant Batt

ATTY. DOCKET NO.

ON?4-32701A

INTERNATIONAL APPLICATION NO.

PCT/EP03/10675

I.A. FILING DATE

09/25/2003

PRIORITY DATE

09/26/2002

1095

NOVARTIS

CORPORATE INTELLECTUAL PROPERTY

ONE HEALTH PLAZA 104/3

EAST HANOVER, NJ 07936-1080

LTM



CONFIRMATION NO. 6407

371 FORMALITIES LETTER



OC000000017601365

Date Mailed: 12/12/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/23/2005
- Copy of the International Search Report filed on 03/23/2005
- Copy of IPE Report filed on 03/23/2005
- Preliminary Amendments filed on 03/23/2005
- Information Disclosure Statements filed on 03/23/2005
- Copy of references cited in ISR filed on 03/23/2005
- U.S. Basic National Fees filed on 03/23/2005
- Priority Documents filed on 03/23/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

DOCKETED FOR: Feb. 12, 2006

- \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

DEBORAH D WILLIAMS

Telephone: (703) 308-9140 EXT 205

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/528,915	PCT/EP03/10675	ON?4-32701A

FORM PCT/DO/EO/905 (371 Formalities Notice)